



174/267

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Bill Bereza et al.  
Application No. : 10/702,196 Confirmation No.: 7108  
Filed : November 4, 2003  
For : ADAPTIVE COMMUNICATION METHODS AND  
APPARATUS  
Group Art Unit : 2181

New York, New York 10020  
April 6, 2004

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.56 and 1.97,  
applicants hereby make the following references of record  
in the above-identified patent application:

U.S. Patents

3,633,120	Battjes	01/04/72
4,723,110	Voorman	02/02/88
5,420,538	Brown	05/30/95
6,236,231	Nguyen et al.	05/22/01
6,650,140	Lee et al.	11/18/03

U.S. Patent Applications

10/317,262	Venkata et al.	12/10/02
10/317,264	Venkata et al.	12/10/02
10/349,541	Venkata et al.	01/21/03
2003/0052709	Venkata et al.	03/20/03
10/454,626	Lui et al.	06/03/03
10/640,824	Wang et al.	filed 08/13/03
10/640,825	Wang et al.	filed 08/13/03
10/702,195	Baig et al.	filed 11/04/03

10/756,949  
10/757,182

Kwasniewski et al. filed 01/13/04  
Baig et al. filed 01/13/04

Other Documents

B. Gilbert, "The Multi-tanh Principle: A Tutorial Overview," IEEE Journal of Solid-State Circuits, Vol. 33, No. 1, January 1998.

Copies of the aforementioned references, which are listed on the accompanying Form PTO-1449 (submitted in duplicate), are enclosed herewith.

It is respectfully requested that these references be (1) fully considered by the Patent and Trademark Office during examination of this application; and (2) printed on any patent which may issue on this application. Applicants request that a copy of Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

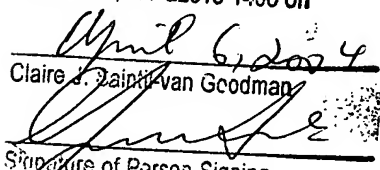
An early and favorable action is respectfully requested.

Respectfully submitted,



Robert R. Jackson  
Registration No. 26,183  
Attorney for Applicants  
FISH & NEAVE  
Customer No. 36981  
1251 Avenue of the Americas  
New York, New York 10020-1105  
Tel.: (212) 596-9000

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Claire J. Zainelli-van Goodman

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
174/267APPLICATION NO.  
10/702,196INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTSAPPLICANTS  
Bill Bereza et al.CONFIRMATION NO.  
7108FILING DATE  
November 4, 2003GROUP ART UNIT  
2181

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,633,120	01/04/72	Battjes	330	30R	
	4,723,110	02/02/88	Voorman	330	252	
	5,420,538	05/30/95	Brown	330	252	
	6,236,231	05/22/01	Nguyen et al.	326	39	
	6,650,140	11/18/03	Lee et al.	326	39	

## U.S. PATENT APPLICATIONS

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	10/317,262		Venkata et al.			12/10/02
	10/317,264		Venkata et al.			12/10/02
	10/349,541		Venkata et al.			01/21/03
	2003/0052709 A1	03/20/03	Venkata et al.	326	37	
	10/454,626		Lui et al.			06/03/03
	10/640,824		Wang et al.			08/13/03
	10/640,825		Wang et al.			08/13/03
	10/702,195		Baig et al.			11/04/03
	10/756,949		Kwasniewski et al.			01/13/04
	10/757,182		Baig et al.			01/13/04

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicants.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 174/267	APPLICATION NO. 10/702,196
INFORMATION DISCLOSURE STATEMENT BY APPLICANTS		APPLICANTS Bill Bereza et al.	CONFIRMATION NO. 7108
		FILING DATE November 4, 2003	GROUP ART UNIT 2181

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	B. Gilbert, "The Multi-Tanh Principle: A Tutorial Overview", IEEE Journal of Solid-State Circuits, Vol. 33, No. 1, January 1998.

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